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(54) Title: WHIPSTOCK CASING MILLING SYSTEM

(57) Abstract

This invention relates to a whipstock casing milling system and, more particularly, to such a system in which a window mill is secured to a whipstock so that the system may be run into a well, set and operated to open a window in a casing during a single trip. The milling system of the present invention comprises a protrusion (B) provided on the whipface of the whipstock wherein the protrusion (B) forms an extension of a relatively steep ramp surface (45) of the whipface so as to reduce damage to said surface (45) at a juncture (A) of said surface (45) with a relatively shallow ramp surface or parallel surface (46) during use of the system. The protrusion (B) thereby avoids an undercutting of a casing and a thinning of the whipstock.

